

Restoration- New work and Intrusion repair/rework for previously closed trails. (FINAL)

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APP # 700595

A. List of Restoration Activities

The Friends of Jawbone in coordination with BLM Ridgecrest Field office strives to preserve and maintain our local network of OHV trails. The biggest threat to the future of this important network of trails is off-route travel by motorized users. Much has been done by Friends of Jawbone to gain greater compliance with the designated route system, such as publishing seven editions of the popular Friends of Jawbone Map, coordinating extensive route signing projects, and regularly maintaining the designated routes.

The FOJ have been monitoring several areas that have been previously restored, and unfortunately, we are seeing as much as a 33% intrusion factor. We are working closely with the Ridgecrest BLM Field Office to determine other methods to stop any further intrusions, one of which can be air monitoring at peak visitor time frames and random air monitoring through out the year during any given month.

The Friends of Jawbone proposes to continue restoration activities on trails in the Southern Jawbone-Butterbrecht Area of Critical Environmental Concern (ACEC) and the Rand Mountains Management area (RMMA). And as directed by the BLM Ridgecrest F.O.

All proposed work efforts are to augment and compliment the additional work being accomplished by the BLM Ridgecrest FO and through careful coordination and planning, ensures there will not be any duplication of efforts for this project. Please note that this project is planned/budgeted for three year staff work period.

Over 400,000 OHV recreation visitor use days are recorded in the project areas each year.

Proposed activities for repair or re accomplishment of trails that have had intrusion on include: the use of ripping a predetermined area of the illegal trail access, fencing and photo monitoring of all restored areas; Informational signing and outreach; Photo documentation and data collection to assess the efficacy of arid lands restoration in OHV recreation areas; and supporting archeological and biological inventories prior to site restoration.

Site restoration will consist of a variety of techniques designed to accelerate natural re-vegetation and improve viable habitat. Active restoration will take place along the initial line-of-sight of the closed trail and discourage future incursions into the restoration area. In areas where trespass has been an ongoing problem, fencing will be incorporated.

The scope of restoration in this grant includes Areas of Critical Environmental Concern (ACEC), providing large-scale protected habitat for a number of sensitive and listed species.

In order to assist the BLM Ridgecrest F.O. in the preparation of NEPA Compliance documentation and other associated studies, the FOJ intends to contract with a highly recognized firm with extensive experience in this field, that will also move our project requirements along hopefully at the pace of our work efforts by reducing delays waiting for approved documentation.

For this project, FOJ is proposing Air monitoring of the project areas to better control intrusions, quickly identify violators and issue citations. This task will be accomplished twice a month at 7 months and shall occur on 5 major holiday weekends when traffic is at its peak. Our estimate identifies the associated cost of this support and officer requirements.

B. Describe how the proposed Project relates to OHV Recreation and how OHV Recreation caused the damage:

FOJ Maps were printed and distributed, and placed on the public KIOSKS to identify the designated route system. While maps are a useful reference, it is unrealistic to demand all riders memorize the legal routes. Even if most riders carry FOJ maps while recreating in the limited-use areas, we should not expect them to stop frequently and refer to the map in order to conform to the land use

plans. This restoration project will better define the designated route system on the ground and help OHV users comply

with current laws.

While fencing and temporary closures may prevent OHV-related habitat degradation, the FOJ mission is multiple-use. In order to prevent future closures, whether based on management or court decision, the FOJ along with the BLM is actively working to manage its designated route network to accommodate both natural resources and recreation. These restoration projects will allow FOJ to continue providing excellent recreation opportunities while preserving sensitive resources and critical habitat.

C. Describe the size of the specific Project Area(s) in acres and/or miles

The Southern section of Jawbone-Butterbrett ACEC is approximately 211,000 acres (of which approx. 58,000 acres are privately held; BLM has 153,000). There are 346 miles of designated trails in the project area.

The efforts proposed are both new and repair work in the restored areas that have had any form of intrusions; as stated, we are seeing about a 33% intrusion factor of work previously completed..

Since the project area is so immense, we are requesting the purchase of several hand held radios and three truck mounted repeater/radio sets to provide communications to the ground crews and for use by our monitoring staff. This will greatly enhance our efficiencies and save labor hours going back and forth to the station for additional guidance for problem solving, that could be done via the radio system.

D. Monitoring and Methodology

Photo monitoring will be used to evaluate the visual eradication of linear features (i.e., closed trails). Each site will be given a unique identifier comprised of the designated route and incursion number. Monitoring data for each site include: Date of restoration, GPS location of the restored area, and restoration techniques employed on the site, ie. ripping.

This data will be used to compare success rates among the restored sites based on proximity to OHV open areas, the recreational value of closed trails (i.e., motivation for illegal trespass) and to compare a simple ripping technique to other restoration techniques employed in adjacent areas.

Sites with a slope exceeding 30 percent will have rock or bale water bars or check dams installed to prevent accelerated erosion.

Intensity of user compliance/non-compliance will be monitored for evidence of new vehicle tracks occurring after site restoration.

Restoration projects will be preliminarily evaluated as successful, if no less than 60% of the restored sites experience OHV trespass and native vegetation recruitment is greater on the restored site than the not restored portion of the closed trail. Measuring the success of a closed and restored trail or trail segment will be determined through follow-up site visitation on a short-term and long-term basis to see if visual eradication of linear features has remained and no "fresh OHV tracks" are present.

All previously restored trails, will be re worked as needed to accomplish the end goal, to return the area to it's natural condition.

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E. List of Reports

F. Goals, Objectives and Methodology / Peer Reviews

G. Plan for Protection of Restored Area

The FOJ in conjunction with the BLM staff notifies Law Enforcement (LE) of restoration locations and requests increased

patrols as necessary.

Work crews performing maintenance or restoration activities will call LE immediately if they encounter illegal OHV activity in the field.

Work crews would also monitor rider compliance with restoration and notify LE of areas with high non-compliance.

The restoration projects complement law enforcement and facilitate the issuing of citations for “knowing and willful violations” of the

following federal regulations: CFR 8341.1(c): “The operation of off-road vehicles is prohibited on those areas and trails closed to off-road vehicle use.”; CFR 8341.1(f)(4): “In a manner causing, or likely to cause significant, undue damage to or disturbance of the soil, wildlife, wildlife habitat, improvements, cultural, or vegetative resources or other authorized uses of the public lands;”; CFR 8365.1-5(a)(1): “No person shall; Willfully deface, disturb, remove, or destroy...any scientific...resource, natural object or area;”; CFR 8365.1-5(a)(2): “No person shall; Willfully deface, remove, or destroy plants or their parts, soil, rocks or minerals...” notifies Law Enforcement (LE) of restoration locations and requests increased patrols as necessary.

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Restoration crews call LE immediately if they encounter illegal OHV activity in the field.

With the advent of added operators for routine maintenance of trails, we can ensure that the areas are monitored more frequently and repaired/restored quickly therefore reducing or eliminating access to the illegal trails.

Additional Documentation

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1. Project-Specific Maps

Attachments:

[Total Route Map](#)

[Overall Restoration Project Area May 2010](#)

2. Project-Specific Photos

Attachments:

[Before Pictures of Restoration Sites Planned 2010](#)

Project Cost Estimate

FOR OFFICE USE ONLY: Version # _____ APP # _____			
APPLICANT NAME :	Friends of Jawbone		
PROJECT TITLE :	Restoration- New work and Intrusion repair/rework for previously closed trails. (FINAL)	PROJECT NUMBER (Division use only) :	G09-04-13-R02
PROJECT TYPE :	<div style="display: flex; flex-wrap: wrap; padding: 5px;"> <div style="width: 50%;"><input type="checkbox"/> Acquisition</div> <div style="width: 50%;"><input type="checkbox"/> Development</div> <div style="width: 50%;"><input type="checkbox"/> Education & Safety</div> <div style="width: 50%;"><input type="checkbox"/> Ground Operations</div> <div style="width: 50%;"><input type="checkbox"/> Law Enforcement</div> <div style="width: 50%;"><input type="checkbox"/> Planning</div> <div style="width: 50%;"><input checked="" type="checkbox"/> Restoration</div> </div>		
PROJECT DESCRIPTION :	<p>The Friends of Jawbone in coordination with BLM Ridgecrest Field office strives to preserve and maintain our local network of OHV trails. The biggest threat to the future of this important network of trails is off-route travel by motorized users. Much has been done by Friends of Jawbone to gain greater compliance with the designated route system, such as publishing seven editions of the popular Friends of Jawbone Map, coordinating extensive route signing projects, and regularly maintaining the designated routes.</p> <p>The FOJ have been monitoring several areas that have been previously restored, and unfortunately, we are seeing as much as a 33% intrusion factor. We are working closely with the Ridgecrest BLM Field Office to determine other methods to stop any further intrusions, one of which can be air monitoring at peak visitor time frames and random air monitoring through out the year during any given month.</p> <p>The Friends of Jawbone proposes to continue restoration activities on trails in the Southern Jawbone-Butterbrecht Area of Critical Environmental Concern (ACEC) and the Rand Mountains Management area (RMMA). And as directed by the BLM Ridgecrest F.O.</p> <p>All proposed work efforts are to augment and compliment the additional work being accomplished by the BLM Ridgecrest FO and through careful coordination and planning, ensures there will not be any duplication of efforts for this project. Please note that this project is planned/budgeted for three year staff work period.</p> <p>Over 400,000 OHV recreation visitor use days are recorded in the project areas each year.</p> <p>Proposed activities for repair or re accomplishment of trails that have had intrusion on include: the use of ripping a predetermined area of the illegal trail access, fencing and photo monitoring of all restored areas; Informational signing and outreach; Photo documentation and data collection to assess the efficacy of arid lands restoration in OHV recreation areas; and supporting archeological and biological inventories prior to site restoration.</p> <p>Site restoration will consist of a variety of techniques designed to accelerate natural re-vegetation and improve viable habitat. Active restoration will take place along the initial line-of-sight of the closed trail and discourage future incursions into the restoration area. In areas where trespass has been an ongoing problem, fencing will be incorporated.</p> <p>The scope of restoration in this grant includes Areas of Critical Environmental Concern (ACEC), providing large-scale protected habitat for a number of sensitive and listed species.</p> <p>In order to assist the BLM Ridgecrest F.O. in the preparation of NEPA Compliance documentation and other associated studies, the FOJ intends to contract with a highly recognized firm with extensive experience in this field, that will also move our project requirements along hopefully at the pace of our work efforts by reducing delays waiting for approved documentation.</p>		

Project Cost Estimate for Grants and Cooperative Agreements Program - 2009/2010
Agency: Friends of Jawbone
Application: Restoration- New work and Intrusion repair/rework for previously closed trails. (FINAL)

2/28/2010

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	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
DIRECT EXPENSES							
Program Expenses							
1	Staff						
	Other-Heavy Equipment Operator Notes : Pays for operator for half year at three years.	3120.000	33.580	HRS	104,770.00	0.00	104,770.00
	Other-Operators/Maintenance Notes : 2 full time workers working for a three year period.	12480.00 0	23.000	HRS	287,040.00	0.00	287,040.00
	Other-Trail/Route Monitors Notes : Pays for 2 people for three years work.	4986.000	18.820	HRS	93,837.00	0.00	93,837.00
	Other-Project Coordinator Notes : The project Coordinator is the key manager to the success of all the work being planned and executed in the project area. The responsibilities to manage/plan the day-to-day and monthly utilization of the maintenance equipment and manpower needs are very demanding and require a high level of expertise/experience. Source: CA Occupational Guide, Job Title: General/Operations Manager Kern County, wages for 2009.	750.000	57.000	HRS	42,750.00	0.00	42,750.00
	Recreation Planner Notes : Provides for aprox. 173 hours first year and average 87 hours per year of BLM support.	346.000	30.000	HRS	0.00	10,380.00	10,380.00
	Other-Biologist Notes : Pays for 80 hours first year and avg of 40 per year of BLM support managing, approving activity reports and prepare final reports.	160.000	30.000	HRS	0.00	4,800.00	4,800.00

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	Other-Grant Administrator Notes : pays for person average of one day per month at 96 hours per year at 3 years. http://www.labormarketinfo.edd.ca.gov	288.000	16.500	HRS	4,752.00	0.00	4,752.00
	Other-Air Monitor Support Notes : Supports a California City Law Officer to fly with air support over the project areas to identify illegal trail intrusions and to call in ground support if they find real time violators. FOJ will pay for its specific air time, but the Officer time is provided as a match to FOJ. This is programed support for 5 major weekends per year at three days per event. Other monitoring will occur twice per month at seven months during the course of this project agreement.	330.000	48.800	HRS	0.00	16,104.00	16,104.00
	Total for Staff				533,149.00	31,284.00	564,433.00
2	Contracts						
	Other-Envior. Contractor Support Notes : Pays for contractor support to support NEPA Compliance paper work for submission to BLM Ridgecrest FO.	1.000	120000.000	EA	120,000.00	0.00	120,000.00
	Other-Co-Share Air Monitor Support Notes : This is programmed support for 5 major weekends per year at three days per event. Other monitoring will occur twice per month at seven months during the course of this project agreement. Current flight hour costs are \$550.00 per hour. FOJ will enter into an agreement where as FOJ will pay California City for specific Air time usage and as estimated for in this application. Any payments made by FOJ on the California City	3.000	43175.000	YR	129,525.00	0.00	129,525.00

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	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
	contract will be clearly identified for accounting purposes. * air support over the project areas to identify illegal trail intrusions and to call in ground support if they find real time violators. This cost covers a three year period.						
	Total for Contracts				249,525.00	0.00	249,525.00
3	Materials / Supplies						
	Other-Brown posts	1000.000	10.450	EA	10,450.00	0.00	10,450.00
	Other-Peeler Posts	4000.000	13.130	EA	52,520.00	0.00	52,520.00
	Other-Multiple Decals Notes : Pays for several different types of decal at variable prices, for this estimate, we used an average of \$2.85 per unit price.	1000.000	4.750	EA	4,750.00	0.00	4,750.00
	Other-Rolls of smooth wire	72.000	69.600	EA	5,011.00	0.00	5,011.00
	Other-Wire clips	364.000	1.090	EA	397.00	0.00	397.00
	Other-T-Posts	2280.000	4.290	EA	9,781.00	0.00	9,781.00
	Other-Reflectors for wire	3000.000	2.150	EA	6,450.00	0.00	6,450.00
	Other-Cable ties	6.000	16.880	EA	101.00	0.00	101.00
	Total for Materials / Supplies				89,460.00	0.00	89,460.00
4	Equipment Use Expenses						
	Other-Fuel for equipment Notes : Provides operating fuel (in gallons) for all heavy equipment and auger equipment during the three years performance.	10000.00 0	3.100	MISC	31,000.00	0.00	31,000.00
	Other-fuel to support monitors Notes : Pays for gasoline to operate various vehicles for monitoring efforts though out the three years.	2160.000	3.100	MISC	6,696.00	0.00	6,696.00

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	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
	Other-Equipment/Vehicle minor Maintenanc Notes : Pays for annual vehicle/equipment minor maintenance and repairs. Current expenditures support these costs.	2.000	8600.000	YR	17,200.00	0.00	17,200.00
	Other-Use of Bobcat Unit Notes : Use of the Bobcat unit at \$22.44 per hour, = \$135.00 day at 60 days per year over three years.	180.000	135.000	DAY	0.00	24,300.00	24,300.00
	Other-Use of Tractor/Skip Loader Notes : Pays half year use of current tractor w/skip loader & gannon box. \$30.08 per hour = \$180.00 per day at approx. 133 days per year at three years use.	399.000	180.000	DAY	0.00	71,820.00	71,820.00
	Other-Use of Dump Truck Notes : Dump truck 2 axle, equivalent rental costs to use. \$42.58 per hour, = \$255.48 per day, at 80 days over the three year project performance period.	80.000	336.000	DAY	0.00	26,880.00	26,880.00
	Other-Use of Truck mounted Auger System Notes : Truck mounted Auger system. \$61.00 per hour = \$366.00 per day at 795 days for a three year period. Per California guidelines for ownership rental equipments. Based on a total three year activity level.	795.000	366.000	DAY	0.00	290,970.00	290,970.00
	Total for Equipment Use Expenses				54,896.00	413,970.00	468,866.00
5	Equipment Purchases						

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	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
	Other-Used 4x4 truck for monitoring Notes : Used for monitors and Park attendant operations. No other vehicle are available for this type of use.	1.000	15000.000	EA	15,000.00	0.00	15,000.00
6	Others						
	Other-Hand held radios Notes : Pays for hand held radios to support 2-3seperate work crews, 2 monitor personnel and 2 spares.	6.000	234.000	EA	1,404.00	0.00	1,404.00
	Other-Base/vehicle Com unit	4.000	375.000	EA	1,500.00	0.00	1,500.00
	Other-Com Repeater units	3.000	599.000	EA	1,797.00	0.00	1,797.00
	Other-Hardware connections/antennas	1.000	285.000	PKG	285.00	0.00	285.00
	Other-Delivery charges for materials	3.000	102.000	EA	306.00	0.00	306.00
	Total for Others				5,292.00	0.00	5,292.00
7	Indirect Costs						
	Indirect Costs-Operations and overhead c Notes : Pays for all incidental costs paper, ink and other related supplies and personnel supporting the project.	3.000	29333.000	YR	87,999.00	0.00	87,999.00
Total Program Expenses					1,035,321.00	445,254.00	1,480,575.00
TOTAL DIRECT EXPENSES					1,035,321.00	445,254.00	1,480,575.00
TOTAL EXPENDITURES					1,035,321.00	445,254.00	1,480,575.00

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	Line Item	Grant Request	Match	Total	Narrative
DIRECT EXPENSES					
Program Expenses					
1	Staff	533,149.00	31,284.00	564,433.00	
2	Contracts	249,525.00	0.00	249,525.00	
3	Materials / Supplies	89,460.00	0.00	89,460.00	
4	Equipment Use Expenses	54,896.00	413,970.00	468,866.00	
5	Equipment Purchases	15,000.00	0.00	15,000.00	
6	Others	5,292.00	0.00	5,292.00	
7	Indirect Costs	87,999.00	0.00	87,999.00	
Total Program Expenses		1,035,321.00	445,254.00	1,480,575.00	
TOTAL DIRECT EXPENSES		1,035,321.00	445,254.00	1,480,575.00	
TOTAL EXPENDITURES		1,035,321.00	445,254.00	1,480,575.00	

Environmental Review Data Sheet (ERDS)

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ITEM 1 and ITEM 2

ITEM 1

- a. ITEM 1 - Has a CEQA Notice of Determination (NOD) been filed for the Project? ☐ Yes ☒ No
(Please select Yes or No)

ITEM 2

- b. Does the proposed Project include a request for funding for CEQA and/or NEPA document preparation prior to implementing the remaining Project Deliverables (i.e., is it a two-phased Project pursuant to Section 4970.06.1(b)) (Please select Yes or No) ☐ Yes ☒ No

ITEM 3 - Project under CEQA Guidelines Section 15378

- c. ITEM 3 - Are the proposed activities a "Project" under CEQA Guidelines Section 15378? ☒ Yes ☐ No
(Please select Yes or No)
- d. The Application is requesting funds solely for personnel and support to enforce OHV laws and ensure public safety. These activities would not cause any physical impacts on the environment and are thus not a "Project" under CEQA. (Please select Yes or No) ☐ Yes ☒ No
- e. Other. Explain why proposed activities would not cause any physical impacts on the environment and are thus not a "Project" under CEQA. DO NOT complete ITEMS 4 – 10

ITEM 4 - Impact of this Project on Wetlands

The intended impacts are to benefit both desert ecosystems and public expectations: to restore wildlife habitats, their many native species (especially the desert tortoise), and desert ecosystem to desired condition and function; and to provide sustainable OHV-recreation opportunities and access for people in the California Deserts. Ongoing coordinated land management that emphasizes law enforcement patrols, OHV trail monitoring, accurate and clear signing for designated routes, and public outreach will cumulatively support initial restoration efforts for achieving the environmental conditions stipulated in the recently implemented sub-regional amendments to the California Desert Conservation Area Plan.

Trails were designated closed based on criteria of the "Route Designation Decision Tree" process through the WEMO amendment to the CDCA Plan.

Criteria included existing alternative routes, recreational value, impacts to and conservation of sensitive species, and mitigation of cumulative habitat impacts. Miles of designated open routes are available in the project areas and existing open areas are in close proximity to the project areas, eliminating negative cumulative effects of the trail closures as a result of user conflicts or building new areas.

ITEM 5 - Cumulative Impacts of this Project

Sites with a slope exceeding 30 percent that are mechanically ripped will have rock or straw bale water bars, check dams, or geotextile netting installed to prevent accelerated erosion.

BLM will ensure that the sites with steep slopes or highly erodible soils are restored in a manner that does not result in

degradation of the land. Removing routes should contribute to soil stabilization. Sand and dust storms originating from the areas are likely to diminish over time when closed and illegal routes are restored with native vegetation cover. A natural appearance will develop through seed germination.

ITEM 6 - Soil Impacts

There are no highways designated as state scenic highways within the view sheds of the proposed project area.

Therefore, the implementation of these management plans shall have no affect on scenic resources associated with a designated state scenic highway.

ITEM 7 - Damage to Scenic Resources

This project will not have negative affect on any scenic resources.

On the contrary, once full restoration actions have been completed and are working, any view as seen from Highway 14, shall have positive affects showing how the landscape has returned to it's natural state and reflect a more uncluttered void of the spider web affects of illegal trail/route travel.

ITEM 8 - Hazardous Materials

Is the proposed Project Area located on a site included on any list compiled pursuant to Section 65962.5 of the California Government Code (hazardous materials)? (Please select Yes or No) ☐ Yes ☒ No

If YES, describe the location of the hazard relative to the Project site, the level of hazard and the measures to be taken to minimize or avoid the hazards.

ITEM 9 - Potential for Adverse Impacts to Historical or Cultural Resources

Would the proposed Project have potential for any substantial adverse impacts to historical or cultural resources? (Please select Yes or No) ☐ Yes ☒ No

Discuss the potential for the proposed Project to have any substantial adverse impacts to historical or cultural resources.

Ground operations efforts within the Red Mountain and Eastern Sierra Sub-regions along with the implementation of the Rand Plan and the Jawbone-Butterbrecht ACEC Plan do not have the potential to cause substantial adverse impacts to historical or cultural resources. Prior to carrying out surface disturbing activities cultural resource staff are consulted with to ensure that the staff conducting the work efforts are aware of the resources found within the area of potential effect. Furthermore staff and contractors are instructed of the standard protection measure contained within environmental assessments that states ?In the event that cultural or paleontological resources are discovered during maintenance or restoration activities, operations in the vicinity of the discovered resources shall cease immediately and the operator will notify the BLM. The BLM will, as appropriate, evaluate the significance of the find and determine the need for mitigation. The operator shall not proceed with potentially disturb

ITEM 10 - Indirect Significant Impacts

Ample OHV recreational opportunities exist within the Jawbone-Butterbrecht ACEC, Rand Mountains, and Red Mountain Subregion including over 500 miles of designated open routes throughout the limited use area and these areas are adjacent to over 70,000 acres of OHV open areas. The mountainous terrain existing in these areas provides unique OHV opportunities that are not found in other desert OHV recreation areas. With limited substitutes for these recreational opportunities, it is not likely that this project will lead user groups to recreate elsewhere. The project will increase use on designated open and maintained routes throughout these areas, dispersing OHV recreation over a larger area and containing it to manageable routes. As a result, OHV use will not significantly increase in the vicinity of the project site.

There is a chance for minor impacts off-site. Monitoring has shown that a small percentage of restored sites incur new "parallel" sections to the restored area as illegal riders trespass off-route and destroy natural resources. Sites that develop new parallel incursions will be signed closed and site locations will be given to law enforcement for reference and future enforcement planning.

CEQA/NEPA Attachment

Attachments:

[DR CA-650-2004-2](#)

[DR CA-650-2004-19](#)

Evaluation Criteria

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1. Project Cost Estimate - Q 1. (Auto populates from Cost Estimate)

1. As calculated on the Project Cost Estimate, the percentage of the Project costs covered by the Applicant is: 3

(Note: This field will auto-populate once the Cost Estimate and Evaluation Criteria are Validated.) (Please select one from list)

- ☐ 76% or more (10 points)
☐ 51% - 75% (5 points)
☒ 26% - 50% (3 points)
☐ 25% (Match minimum) (No points)

2. Natural and Cultural Resources - Q 2.

2. Natural and Cultural Resources - Failure to fund the Project will result in adverse impacts to: 27

(Check all that apply) (Please select applicable values)

- ☒ Domestic water supply (4 points)
☒ Archeological and historical resources identified in the California Register of Historical Resources or the Federal Register of Historic Places (3 points)
☒ Stream or other watercourse (3 points)
☒ Soils - Site actively eroding (2 points)
☒ Sensitive areas (e.g., wilderness, riparian, wetlands, ACEC) (2 point each, up to a maximum of 6) Enter number of sensitive habitats [6]
☒ Threatened and Endangered (T&E) listed species (2 point each, up to a maximum of 6) Enter number of T&E species [6]
☒ Other special-status species- Number of special-status species (1 point each, up to a maximum of 3) Enter number of special-status species [3]

Describe the type and severity of impacts that might occur relative to the checked item(s):

There are many federal and state listed species, such as the Desert Tortoise, Mohave Ground Squirrel, Tehachapi Slender Salamander, and Charlotte's Phacelia, whose habitat is being denuded due to unlawful OHV ridings. Revegetation of this denuded habitat leads to the stabilization of soils through root formation and dissipated rain splash. In addition, water dispersal structures are implemented, which decrease soil erosion and lead to better water quality in washes and riparian zones. There is a small community in Kelso Valley who could be adversely impacted from soil runoff into their shallow ground water supply, if it is not adequately protected. Cultural resources, such as the Red Mountain National Register Historic District, are protected when restoration sites prevent unauthorized access. Without the restoration, sensitive areas such as the Rand Mountain Management Area, Jawbone Butterbrecht ACEC and various wildernesses would not be protected from OHV damage.

3. Reason for Project - Q 3.

3. Reason for the Project 4

(Check the one most appropriate) (Please select one from list)

- ☒ Protect special-status species or cultural site (4 points)
☐ Restore natural resource system damaged by OHV activity (4 points)
☐ OHV activity in a closed area (3 points)
☐ Alternative measures attempted, but failed (2 points)
☐ Management decision (1 point)

- ☐ Scientific and cultural studies (1 point)
- ☐ Planning efforts associated with Restoration (1 point)

Reference Document

West Mojave Plan Amendment, 2005

4. Measures to Ensure Success - Q 4.

4. Measures to ensure success –The Project makes use of the following elements to ensure successful implementation 12

(Check all that apply) Scoring: 2 points each (Please select applicable values)

- ☒ Site monitoring to prevent additional damage
- ☒ Construction of barriers and other traffic control devices
- ☒ Use of native plants and materials
- ☒ Incorporation of universally recognized 'Best Management Practices'
- ☒ Educational signage
- ☒ Identification of alternate OHV routes to ensure that OHV activities will not reoccur in restored area

Explain each item checked above:

Native plant material is used to disguise illegal routes and foster re-vegetation of native species. On sites that are difficult to restore or where restoration is not sufficient, barriers and other control devices will be used to discourage OHV trespass. Intensity of user compliance will be monitored for evidence of new vehicle tracks and re-vegetation occurring after site restoration. This data will be used to compare success rates among the restored sites based on proximity to OHV open areas, motivation for illegal trespass, restoration techniques, and supplemental management, such as barricading, etc. The Best Management Practices in this area have been well developed and continue to improve. The designated open routes in the restoration project area are well-signed and maintained and educational signs are employed to identify desert restoration projects, etc. All restoration sites are adjacent to designated open routes which provide recreation opportunities in the restored area.

5. Publicly Reviewed Plan - Q 5.

5. Is there a publicly reviewed and adopted plan (e.g., wilderness designation, land management plans, route designation decisions) that supports the need for the Restoration Project? 5

(Check the one most appropriate) (Please select one from list)

- ☐ No (No points)
- ☒ Yes (5 points)

Identify plan

California Desert Conservation Area (CDCA) Plan of 1980, with Plan Amendments 1982-1999
California Desert Protection Act (1994)
Jawbone-Butterbrecht ACEC Restoration Plan (1982)
Rand Mountains/Fremont Valley Plan (1993)
West Mojave Plan (2006)

6. Primary Funding Source - Q 6.

6. Primary funding source for future operational costs associated with the Project will be: 0

(Check the one most appropriate) (Please select one from list)

- ☐ Applicant's operational budget (5 points)
- ☐ Volunteer support and/or donations (3 points)
- ☐ Other Grant funding (2 points)
- ☒ OHV Trust Funds (No points)

If 'Operational budget' is checked, list reference document(s):

7. Public Input - Q 7.

7. The Project was developed with public input employing the following 2

(Check all that apply) Scoring: 1 point each, up to a maximum of 2 points (Please select applicable values)

- ☒ Publicly noticed meeting(s) with the general public to discuss Project (1 point)
☐ Conference call(s) with interested parties (1 point)
☒ Meeting(s) with stakeholders (1 point)

Explain each statement that was checked

The general concepts and proposed project has been explained at the High Desert League of Cities, California City Economic Development Council.

The Grant process and applications we are seeking were discussed at the January/February stakeholders/public meetings.

Presented and discussed at several FOJ monthly meetings with Kern County Sheriffs, Private land owners, California City Police Dept., Honda Testing Facility and other interested parties.

8. Utilization of Partnerships - Q 8.

8. The Project will utilize partnerships to successfully accomplish the Project. The number of partner organizations that will participate in the Project are 4

(Check the one most appropriate) (Please select one from list)

- ☒ 4 or more (4 points) ☐ 2 to 3 (2 points)
☐ 1 (1 point) ☐ None (No points)

List partner organization(s):

The Bureau of Land Management Ridgecrest FO, California City Police Dept., Kern County Sheriffs Dept., Ridgecrest Economic Development Council, Honda R&D Division at Cantil/Neuralia Rd.

9. Scientific and Cultural Studies - Q 9.

9. Scientific and cultural studies will 6

(Check all that apply) (Please select applicable values)

- ☒ Determine appropriate Restoration techniques (2 points)
☒ Examine potential effects of OHV Recreation on natural or cultural resources (2 points)
☒ Examine methods to ensure success of Restoration efforts (1 point)
☒ Lead to direct management action (1 point)

Explain each item checked above

Ground operations efforts within the Red Mountain and Eastern Sierra Sub-regions along with the implementation of the Rand Plan and the Jawbone-Butterbredt ACEC Plan do not have the potential to cause substantial adverse impacts to historical or cultural resources. Prior to carrying out surface disturbing activities cultural resource staff are consulted with to ensure that the staff conducting the work efforts are aware of the resources found within the area of potential effect. Furthermore staff and contractors are instructed of the standard protection measure contained within environmental assessments that states ?In the event that cultural or paleontological resources are discovered during maintenance or restoration activities, operations in the vicinity of the discovered resources shall cease immediately and the operator will notify the BLM. The BLM will, as appropriate, evaluate the significance of the find and determine the need for mitigation. The operator shall not proceed with potentially disturb

10. Underlying Problem - Q 10.

10. The underlying problem that resulted in the need for the Restoration Project has been effectively addressed and resolved 3

(Check the one most appropriate) (Please select one from list)

☐ No (No points)

☒ Yes (3 points)

Explain 'Yes' answer

Between the BLM Ridgecrest Field Office and Friends of Jawbone Board of Directors, along with public input have agreed to this course of action, that to close off illegal trails with signs and restore them is the most effective way to correct this problem. This project fully addresses those concerns and issues.

The underlying problem that resulted in the need for the Restoration Project was the spider web of illegal routes across limited use and closed areas. This basic problem has been effectively addressed through proper route designation. The FOJ in conjunction with the BLM Ridgecrest Field Office is slowly, but methodically resolving the problem with route signing and illegal route restoration.

11. Size of sensitive habitats - Q 11.

11. Size of sensitive habitats (e.g., wilderness, riparian, wetlands, ACEC) within the Project Area which will be restored 5

(Check the one most appropriate) (Please select one from list)

☒ Greater than 10 acres (5 points)

☐ 1 – 10 acres (3 points)

☐ Less than 1 acre (1 points)

☐ No sensitive habitat within Project Area (No points)